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PROGRAM
JUNE 2017

Central Intelligence Agency



16 APR 1984

MEMORANDUM FOR: Director of Central Intelligence

SUBJECT : Technical Characteristics of a Soviet
Nuclear Powered Submarine

1. The enclosed Intelligence Information Special Report gives the technical characteristics of a Soviet nuclear powered submarine. The information was acquired from a [redacted] Soviet source [redacted]

2. Because the source of this report is extremely sensitive, this document should be handled on a strict need-to-know basis within recipient agencies.

[redacted]
John H. Stein
Deputy Director for Operations

TS #848090

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[redacted] ~~ALL PORTIONS~~
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Intelligence Information Special Report

COUNTRY USSR

DATE OF
INFO. March 1984

DATE 16 APR 1984

SUBJECT

Technical Characteristics of the Soviet "TYPHOON"
Nuclear Powered Submarine

SOURCE A [] Soviet []

1. The Project 941 ("TYPHOON") nuclear powered submarine was launched in 1980 [] and underwent sea trials in the White Sea in 1981. The submarine is equipped with two nuclear reactors, displaces 25,000 tons, has a submerged speed of 28 knots, and a critical submersion depth of up to 600 meters with a cruising depth which is much less.

2. The submarine is equipped with 20 D-19 solid propellant ballistic missiles with a range of up to 10,000 kilometers. The missile is 15 meters long. The missiles were test launched to the Kamchatka area with 8, 10 and 12 separating warheads. The deviations from the targets were up to 1,500 meters. Because of the insufficient accuracy, it is probable that 10 separate warheads will be left on each missile. Source did not know the exact yield of each warhead but stated that it is two to three times that of analogous US warheads.

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